

J1048 U.S. PTO
03/06/02

03-08-02 A

Atty. Docket No. AMAT/6437/ETCH/METAL/JB

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Box Patent Application
Assistant Commissioner of Patents and Trademarks
Washington, D.C. 20231

10/092456
J1050 US PTO
03/06/02

Re: Inventor(s): JENG H. HWANG; GUANGXIANG JIN and XIAOYI CHEN
Title: ETCHING METHODS FOR A MAGNETIC MEMORY CELL STACK

Transmitted herewith is the patent application identified above, including:

Specification, claims and abstract, totaling 18 pages.
 Drawings totaling 5 pages, Formal Informal.
 Executed Declaration and Power of Attorney.
 Information Disclosure Statement w/ Form 1449 and References.
 Assignment of the invention to **Applied Materials, Inc.**
 Assignment Recordation Cover Sheet

FEE CALCULATION					
Fee Items	Claims Filed	Included With Basic Fee	Extra Claims	Fee Rate	Total
Total Claims	30	-20=	10	x \$18.00	-\$180.00
Independent Claims	5	-3=	2	x \$84.00	-\$168.00
Basic Filing Fee			\$740.00	\$740.00	
TOTAL FEES					\$1,088.00

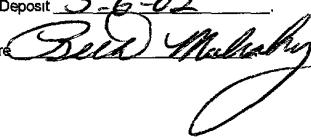
The Commissioner is hereby authorized to charge \$1,088.00 to Deposit Account No. 50-1074/6437/ETCH/METAL/JB.
 The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 50-1074/6437/ETCH/METAL/JB. A duplicate copy of this transmittal is enclosed.
 Please address all future correspondence to:

**PATENT COUNSEL
APPLIED MATERIALS, INC.
Legal Affairs Department
P.O.BOX 450A
Santa Clara, CA. 95052**

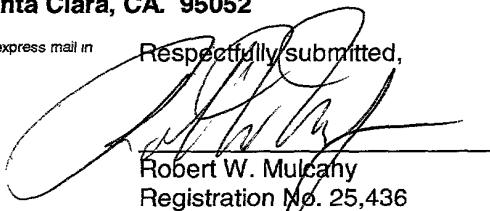
I hereby certify that this correspondence is being deposited with the United States Postal Service as express mail in an envelope addressed to: Commissioner of Patents and Trademarks, Washington, D.C. 20231.

Express Mail Receipt No. EV041916587US

Date of Deposit 3-6-02

Signature 

Respectfully submitted,


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